

APPENDIX A
NEIC FIELD INVESTIGATION PHOTOGRAPHS
(76 pages)



NEIC Field Photographs
VP1053 Warren Steel Holdings, LLC

Warren, Ohio
September 17 - 18, 2013

Appendix A

RELEASED
DATE 4/29/19
RIN # 2019-001607
INITIALS JRW

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMG0428.JPG
Date Time Stamp	9/17/2013 10:11:44 AM
Description	Pneumatic hook-up to box for electric arc furnace (EAF) dust
Photographer	J. Iatropulos

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0429.JPG
Date Time Stamp	9/17/2013 10:11:50 AM
Description	Box for EAF dust collection
Photographer	J. Iatropulos

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMG0430.JPG
Date Time Stamp	9/17/2013 10:12:03 AM
Description	Close-up of box for EAF dust collection
Photographer	J. Iatropulos

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0431.JPG
Date Time Stamp	9/17/2013 10:12:44 AM
Description	Close-up of connection (hosing/sock) to box for EAF collection
Photographer	J. Iatropulos

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0432.JPG
Date Time Stamp	9/17/2013 10:13:01 AM
Description	Close-up of connection (hosing/sock) to box for EAF collection
Photographer	J. Iatropulos

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0433.JPG
Date Time Stamp	9/17/2013 10:13:09 AM
Description	Connection (hosing/sock) to conveyor above box
Photographer	J. Iatropulos

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMG0434.JPG
Date Time Stamp	9/17/2013 10:27:15 AM
Description	Hazardous waste label on box collecting EAF dust from facility (per EPA's suggestion)
Photographer	J. Iatropulos

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMG0435.JPG
Date Time Stamp	9/17/2013 10:27:35 AM
Description	Hazardous waste label on box - partial collection of EAF from overloaded box (per EPA's suggestion)
Photographer	J. Iatropulos

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0436.JPG
Date Time Stamp	9/17/2013 10:33:54 AM
Description	Area in front of EAF collection box
Photographer	J. Iatropulos

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0437.JPG
Date Time Stamp	9/17/2013 10:36:31 AM
Description	General overview of back of baghouse and EAF loading area
Photographer	J. Iatropulos

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0438.JPG
Date Time Stamp	9/17/2013 10:37:00 AM
Description	In ground scale in front of EAF collection box
Photograhper	J. Iatropulos

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0439.JPG
Date Time Stamp	9/17/2013 10:37:26 AM
Description	General overview of baghouse and empty/standby EAF collection boxes (1 box empty; 1 box partially full)
Photographer	J. Iatropulos

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMG0440.JPG
Date Time Stamp	9/17/2013 10:44:13 AM
Description	Control panel for baghouse modules
Photographer	J. Iatropulos

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0441.JPG
Date Time Stamp	9/17/2013 10:44:52 AM
Description	Pressure dials for baghouse modules
Photographer	J. Iatropulos

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0442.JPG
Date Time Stamp	9/17/2013 10:58:46 AM
Description	Universal waste storage area
Photographer	J. Iatropulos

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0443.JPG
Date Time Stamp	9/17/2013 10:59:01 AM
Description	Close-up of label on universal waste container
Photographer	J. Iatropulos

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMG0444.JPG
Date Time Stamp	9/17/2013 11:09:33 AM
Description	General overview of baghouse system
Photographer	J. Iatropulos

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0445.JPG
Date Time Stamp	9/17/2013 11:09:46 AM
Description	Conveyor system leading into baghouse
Photographer	J. Iatropulos

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMG0446.JPG
Date Time Stamp	9/17/2013 11:45:09 AM
Description	Lagoon "C" for wastewater treatment plant (WWTP) (facing west)
Photographer	J. Iatropulos

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0447.JPG
Date Time Stamp	9/17/2013 11:47:03 AM
Description	Lagoon "B" for WWTP (facing west)
Photographer	J. Iatropulos

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0448.JPG
Date Time Stamp	9/17/2013 11:48:54 AM
Description	Lagoon "A" for WWTP (facing north)
Photographer	J. Iatropulos

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0449.JPG
Date Time Stamp	9/17/2013 11:51:36 AM
Description	Pipe under tree to lagoon "A"
Photographer	J. Iatropulos

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMG0450.JPG
Date Time Stamp	9/17/2013 11:53:27 AM
Description	Pipe (not active according to facility) in lagoon "A"
Photographer	J. Iatropulos

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMG0451.JPG
Date Time Stamp	9/17/2013 11:53:35 AM
Description	Lagoon "A" (facing east)
Photographer	J. Iatropulos

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMG0452.JPG
Date Time Stamp	9/17/2013 12:03:50 PM
Description	Sludge box
Photographer	J. Iatropulos

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMG0453.JPG
Date Time Stamp	9/17/2013 12:03:57 PM
Description	Filter press
Photographer	J. Iatropulos

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0454.JPG
Date Time Stamp	9/17/2013 12:04:12 PM
Description	Sludge holding tank
Photographer	J. Iatropulos

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0455.JPG
Date Time Stamp	9/17/2013 12:07:55 PM
Description	Flash mist tank (50% caustic with flux addition area)
Photographer	J. Iatropulos

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0456.JPG
Date Time Stamp	9/17/2013 1:00:40 PM
Description	Hatch on K061 Box (prior to opening)
Photographer	J. Paulin

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0457.JPG
Date Time Stamp	9/17/2013 1:05:47 PM
Description	Hatch on K061 Box (blurry image)
Photographer	J. Paulin

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMG0458.JPG
Date Time Stamp	9/17/2013 1:07:37 PM
Description	Samples S01, S02, and S03 (sample station location: K061 collection box) (prior to splits for facility)
Photographer	J. Paulin

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMG0459.JPG
Date Time Stamp	9/17/2013 1:22:25 PM
Description	Samples S01, S02, and S03 (sample station location: K061 collection box) (including splits for facility)
Photographer	J. Paulin

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMG0459(1).JPG
Date Time Stamp	9/18/2013 9:36:32 AM
Description	Unidentified pile
Photographer	J. Paulin

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0460.JPG
Date Time Stamp	9/18/2013 9:37:26 AM
Description	Unidentified piles (south end of property)
Photographer	J. Paulin

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0461.JPG
Date Time Stamp	9/18/2013 9:38:44 AM
Description	Unidentified piles (south end of property)
Photographer	J. Paulin

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0462.JPG
Date Time Stamp	9/18/2013 9:55:07 AM
Description	Hazardous waste sign - start date (10-19-11)
Photographer	J. Paulin

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0463.JPG
Date Time Stamp	9/18/2013 9:55:16 AM
Description	Hazardous waste sign - start date (10-19-11)
Photographer	J. Paulin

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0464.JPG
Date Time Stamp	9/18/2013 10:25:06 AM
Description	Overview of EPA designated quadrant "A" - random spots for XRF readings marked with white flags
Photographer	J. Paulin

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0465.JPG
Date Time Stamp	9/18/2013 10:37:06 AM
Description	EPA designated quadrant "B" - white flags in front of empty collection box (south side of property)
Photographer	J. Paulin

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0466.JPG
Date Time Stamp	9/18/2013 10:37:24 AM
Description	EPA designated quadrant "B" - white flags in front of empty collection box (south side of property)
Photographer	J. Paulin

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0467.JPG
Date Time Stamp	9/18/2013 10:37:52 AM
Description	Overview of EPA designated quadrant "B"
Photographer	J. Paulin

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0468.JPG
Date Time Stamp	9/18/2013 10:39:39 AM
Description	Overview (from above) of EPA designated quadrant "B"
Photographer	J. Paulin

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0469.JPG
Date Time Stamp	9/18/2013 11:14:02 AM
Description	Overview of EPA designated quadrant "C"
Photographer	J. Paulin

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0470.JPG
Date Time Stamp	9/18/2013 11:14:23 AM
Description	Overview of EPA designated quadrant "D"
Photographer	J. Paulin

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMG0471.JPG
Date Time Stamp	9/18/2013 11:34:16 AM
Description	Sample station location "A1" (sample S04)
Photographer	K. Triantafillou

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMG0472.JPG
Date Time Stamp	9/18/2013 11:43:03 AM
Description	Sample station location "A5" (sample S05)
Photographer	K. Triantafillou

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMG0473.JPG
Date Time Stamp	9/18/2013 11:55:21 AM
Description	Sample station location "A30" (sample S06)
Photographer	K. Triantafillou

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMG0474.JPG
Date Time Stamp	9/18/2013 12:11:29 PM
Description	Sample station location "B1" (sample S07)
Photographer	K. Triantafillou

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMG0475.JPG
Date Time Stamp	9/18/2013 12:22:25 PM
Description	Sample station location "B6" (sample S08)
Photographer	K. Triantafillou

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMG0476.JPG
Date Time Stamp	9/18/2013 12:33:28 PM
Description	Sample station location "B12" (sample S09)
Photographer	K. Triantafillou

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMG0477.JPG
Date Time Stamp	9/18/2013 12:54:29 PM
Description	Sample station location "C30" (sample S10)
Photographer	K. Triantafillou

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMG0478.JPG
Date Time Stamp	9/18/2013 1:03:43 PM
Description	Sample station location "C18" (sample S11)
Photographer	K. Triantafillou

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMG0479.JPG
Date Time Stamp	9/18/2013 1:17:03 PM
Description	Sample station location "C28" (sample S12)
Photographer	K. Triantafillou

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0480.JPG
Date Time Stamp	9/18/2013 3:07:47 PM
Description	Overview of quadrant E (south side of property)
Photographer	K. Triantafillou

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0481.JPG
Date Time Stamp	9/18/2013 3:08:36 PM
Description	Overview of quadrant E and unidentified piles (south side of property)
Photographer	K. Triantafillou

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMG0482.JPG
Date Time Stamp	9/18/2013 3:51:13 PM
Description	Sample station location "E3" (sample S13)
Photographer	K. Triantafillou

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMG0483.JPG
Date Time Stamp	9/18/2013 4:06:56 PM
Description	Sample station location "E1" (sample S14)
Photographer	K. Triantafillou

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMG0484.JPG
Date Time Stamp	9/18/2013 4:19:29 PM
Description	Sample station location "E28" (sample S15)
Photographer	K. Triantafillou

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMG0485.JPG
Date Time Stamp	9/18/2013 4:40:52 PM
Description	Sample station location "E11" (sample S16)
Photographer	K. Triantafillou

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMG0486.JPG
Date Time Stamp	9/18/2013 4:50:23 PM
Description	Sample station location "G4" (sample S17)
Photographer	K. Triantafillou

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0487.JPG
Date Time Stamp	9/18/2013 5:19:54 PM
Description	Sample station location "G18" (sample S18)
Photographer	K. Triantafillou

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0488.JPG
Date Time Stamp	9/18/2013 5:21:50 PM
Description	South end of property (prior to Mahoning River) - miscellaneous unidentified piles within EPA designated quadrants A, C, E, and G
Photographer	J. Paulin

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0489.JPG
Date Time Stamp	9/18/2013 5:21:57 PM
Description	South end of property (prior to Mahoning River) - miscellaneous unidentified piles within EPA designated quadrants A, C, E, and G
Photographer	J. Paulin

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0490.JPG
Date Time Stamp	9/18/2013 5:22:08 PM
Description	South end of property (prior to Mahoning River) - miscellaneous unidentified piles within EPA designated quadrants A, C, E, and G
Photographer	J. Paulin

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0491.JPG
Date Time Stamp	9/18/2013 5:22:20 PM
Description	South end of property (prior to Mahoning River) - miscellaneous unidentified piles within EPA designated quadrants A, C, E, and G
Photographer	J. Paulin

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0492.JPG
Date Time Stamp	9/18/2013 5:22:36 PM
Description	South end of property (prior to Mahoning River) - miscellaneous unidentified piles within EPA designated quadrants A, C, E, and G
Photographer	J. Paulin

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0493.JPG
Date Time Stamp	9/18/2013 5:22:50 PM
Description	South end of property (prior to Mahoning River) - miscellaneous unidentified piles within EPA designated quadrants A, C, E, and G
Photographer	J. Paulin

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0494.JPG
Date Time Stamp	9/18/2013 5:23:11 PM
Description	South end of property (prior to Mahoning River) - miscellaneous unidentified piles within EPA designated quadrants A, C, E, and G
Photographer	J. Paulin

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0495.JPG
Date Time Stamp	9/18/2013 5:23:19 PM
Description	South end of property (prior to Mahoning River) - miscellaneous unidentified piles within EPA designated quadrants A, C, E, and G
Photographer	J. Paulin

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0496.JPG
Date Time Stamp	9/18/2013 5:23:32 PM
Description	South end of property (prior to Mahoning River) - miscellaneous unidentified piles within EPA designated quadrants A, C, E, and G
Photographer	J. Paulin

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0497.JPG
Date Time Stamp	9/18/2013 5:23:48 PM
Description	South end of property (prior to Mahoning River) - miscellaneous unidentified piles within EPA designated quadrants A, C, E, and G
Photographer	J. Paulin

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0498.JPG
Date Time Stamp	9/18/2013 5:23:56 PM
Description	South end of property (prior to Mahoning River) - miscellaneous unidentified piles within EPA designated quadrants A, C, E, and G
Photographer	J. Paulin

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0499.JPG
Date Time Stamp	9/18/2013 5:24:07 PM
Description	South end of property (prior to Mahoning River) - miscellaneous unidentified piles within EPA designated quadrants A, C, E, and G
Photographer	J. Paulin

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0500.JPG
Date Time Stamp	9/18/2013 5:24:22 PM
Description	South end of property (prior to Mahoning River) - miscellaneous unidentified piles within EPA designated quadrants A, C, E, and G
Photographer	J. Paulin

NEICVP1053 Warren Steel Holdings LLC



Attributes	
Title	NEICVP1053 Warren Steel Holdings LLC
File Name	IMGP0501.JPG
Date Time Stamp	9/18/2013 5:24:29 PM
Description	South end of property (prior to Mahoning River) - miscellaneous unidentified piles within EPA designated quadrants A, C, E, and G
Photographer	J. Paulin